Appl. No. 09/912,403
Reply to Office Action of December 16, 2004

Attorney Docket: P65847US1

Amendments to the Specification:

Please replace the paragraph beginning on page 1, line 25 of the specification with the following paragraph:

Accordingly, the invention consists in a method for securely transmitting streamed media consisting of a stream header and a series of data packets between a sender and a recipient comprising the steps of:

generating a random base key,

encrypting said base key to create an open key,

transmitting said open key to said recipient,

encrypting each packet of the data in the stream by:

    (a)   assigning a <u>unique</u> tag value to each packet if no tag value already exists,

    (b)   creating a packet key by computing a secure hash of said base key and the tag value or the assigned tag value of the packet,

    (c)   encrypting the data in the packet using said packet key, and

    (d)   adding said tag value to the corresponding encrypted packet data and inserting the packet so processed into the packet stream,

transmitting the encrypted packet stream to said recipient,

at the recipient's station receiving said open key and the encrypted packet stream,

decrypting said open key to derive the base key,

decrypting each received encrypted packet in the stream by:

    (a)   extracting the tag value from each packet,

    (b)   recreating said packet key by computing a secure hash of the base key and the packet's tag value,

    (c)   decrypting the packet data using said packet key, <u>and</u>

    (d)   ~~and~~ storing or outputting the decrypted packet data in a form suitable for playing the streamed media.